



\$2671

PATENT
Attorney Docket No. SNS-006CP1
(7268/10)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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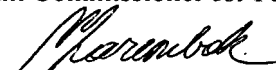
APR 01 2002

Technology Center 2600

APPLICANTS: Shih et al.
 SERIAL NO.: 09/347,637 GROUP NO.: 2671
 FILING DATE: July 6, 1999 EXAMINER: E.L. Santiago
 TITLE: SYSTEMS AND METHODS FOR SCULPTING VIRTUAL OBJECTS IN
 A HAPTIC VIRTUAL REALITY ENVIRONMENT

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 25th day of March, 2002.



Irja Zarembok

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are:

- Transmittal Form (1 pg.);
- Fee Transmittal Form (1 pg.);
- check in the amount of \$180.00;
- Information Disclosure Statement (2 pgs.);
- PTO Form 1449 (10 pgs.);
- cited references A1-A143; B1-B17; C1-C60; and
- return receipt postcard



TRANSMITTAL FORM

Application Serial Number	09/347,637
Filing Date	July 6, 1999
First Named Inventor	Shih
Group Art Unit	2671
Examiner Name	E.L. Santiago
Attorney Docket No.	SNS-006CP1 (7268/10)
Patent No.	Not applicable
Issue Date	Not applicable

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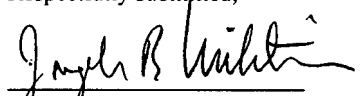
ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (A1-A143; B1-B17; C1-C60) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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CORRESPONDENCE ADDRESS

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 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,


 Joseph B. Milstein
 Attorney for Applicants
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 125 High Street
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Date: March 25, 2002
 Reg. No. 42,897
 Tel. No.: (617) 248-7695
 Fax No.: (617) 248-7100



**FEE TRANSMITTAL
FY 2002**

<i>Complete if Known</i>	
Application Serial Number	09/347,637
Filing Date	July 6, 1999
First Named Inventor	Shih
Group Art Unit	2671
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METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																
<p>1. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p>2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.</p> <p>3. <input checked="" type="checkbox"/> Applicant claims small entity status.</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Large Entity Fee (\$)</th> <th style="width: 15%;">Small Entity Fee (\$)</th> <th style="width: 50%;">Fee Description</th> <th style="width: 10%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>Request for ex parte reexamination</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>400</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>920</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1440</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1960</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>320</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>320</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>280</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Statement</td><td>180</td></tr> <tr><td>740</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>740</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>100</td><td>100</td><td>Certificate of Correction for applicant's error</td><td></td></tr> <tr><td></td><td></td><td>Other fee (Specify) _____</td><td></td></tr> <tr><td></td><td></td><td>Other fee (Specify) _____</td><td></td></tr> </tbody> </table>	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath		50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		110	55	Extension for reply within first month		400	200	Extension for reply within second month		920	460	Extension for reply within third month		1440	720	Extension for reply within fourth month		1960	980	Extension for reply within fifth month		320	160	Notice of Appeal		320	160	Filing a brief in support of an appeal		280	140	Request for oral hearing		130	130	Petitions to the Commissioner		180	180	Submission of Information Disclosure Statement	180	740	370	Filing a submission after final rejection (37 CFR 1.129(a))		740	370	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error				Other fee (Specify) _____				Other fee (Specify) _____	
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<p>2. AMENDMENT CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Claims Remaining After Amend.</th> <th style="width: 15%;">Highest No. Previously Paid For</th> <th style="width: 15%;">Present Extra</th> <th style="width: 15%;">Rate</th> <th style="width: 15%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>-</td> <td>=</td> <td>x \$ 18.00 =</td> <td></td> </tr> <tr> <td>Indep.</td> <td>-</td> <td>=</td> <td>x \$ 84.00 =</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> First Presentation of Multiple Dep. Claim</td> <td></td> <td>+ \$280.00 =</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL:</td> <td>(\$)</td> </tr> <tr> <td colspan="4" style="text-align: right;">SMALL ENTITY DISCOUNT:</td> <td>(\$)</td> </tr> <tr> <td colspan="2">SUBTOTAL (2)</td> <td>(\$)</td> <td colspan="2"></td> </tr> </tbody> </table>	Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	Total	-	=	x \$ 18.00 =		Indep.	-	=	x \$ 84.00 =		<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$280.00 =		TOTAL:				(\$)	SMALL ENTITY DISCOUNT:				(\$)	SUBTOTAL (2)		(\$)			<p style="text-align: right;">SUBTOTAL (3) (\$) 180.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">SUBTOTAL (1)</td><td>0</td></tr> <tr><td style="text-align: right;">SUBTOTAL (2)</td><td>0</td></tr> <tr><td style="text-align: right;">SUBTOTAL (3)</td><td>180.00</td></tr> <tr><td colspan="2" style="text-align: right;">TOTAL (\$) 180.00</td></tr> </table>	SUBTOTAL (1)	0	SUBTOTAL (2)	0	SUBTOTAL (3)	180.00	TOTAL (\$) 180.00																																						
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<p>Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100</p>	<p style="text-align: right;">Respectfully submitted, Joseph B. Milstein Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110</p> <p>Date: March 25, 2002 Reg. No.: 42,897 Tel. No.: (617) 248-7695 Fax No.: (617) 248-7100</p>																																																																																



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206516
March 22, 2002

Date: 5-39/110

Fleet Bank, N.A.
Boston, Massachusetts 02110

Testa, Hurwitz & Thibault, LLP
125 High Street
Boston, MA 02110

Pay One hundred eighty and 00/100 \$ 180.00

Testa, Hurwitz & Thibault, LLP

PAY TO THE ORDER OF: Director of U.S. Patent & Trademark Office

SNS = 006CP1
Serial No. 09/347,637

SECURITY FEATURES INCLUDED. DETAILS ON BACK.

GROUP NO.: 2671
EXAMINER: E.L. Santiago

METHODS FOR SCULPTING VIRTUAL OBJECTS IN
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20502.

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